



MRLN-PVS-1

MARLN MagicPalm Scanner

Quantum Safe Cryptography



The MRLN-PVS-1 Marln MagicPalm Scanner is a high-end device that utilizes Palm Vein biometric patterns for user identification. Studies have shown that Palm Vein biometrics are among the most secure and accurate methods for identity verification. This scanner is ideal for environments where security is critical and eliminating unauthorized access is a top priority. The MagicPalm Scanner excels at contactless authentication, making it an excellent choice for access control systems or POS payment gateways. Our device can be tailored for any industry sector - Fintech, Retail, Logistics, Warehouse, etc. With its sleek silver-and-white design, it offers unmatched accuracy, reliability, and convenience.

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Key Features:

- ✓ Biometric Module: Palmprint + vein recognition.
 - ✓ Screen: 5-inch, 720 × 1280 resolution, 10-point capacitive touch.
 - ✓ Processor & OS: Rockchip RK3568, Android 11.
 - ✓ Memory: 2GB RAM + 16GB ROM (expandable up to 128GB).
 - ✓ Flexible Connectivity: Wi-Fi, 4G (optional), and USB-C interface for seamless integration, RJ45 LAN (PoE supported).
- Optional Features: NFC/RFID card reader, customizable shell colors.

Environmental Specs:

- ✓ Operating Conditions: -20°C to 70°C, 0%-90% humidity (non-condensing).
- ✓ Power Supply: DC 12V/3A, Max power 36W.

Applications:

- ✓ Ideal for government, offices, schools, hotels, logistics, and access control systems.

Installation Notes:

- ✓ Use a special power extension line for distances over 3m to avoid voltage drops (<11V), which can cause repeated restarts or crashes.
 - ✓ Avoid wet environments and keep away from strong electromagnetic fields and electrical appliances (e.g., mobile phones).
 - ✓ Handle with care to prevent collisions, falls, or vibrations that may damage internal components.
- The included power adapter has a total cable length of 1.5 meters.



Key Highlights of the MarIn MagicPalm Scanner:

- ❖ High-Security Biometric Module: Palmprint + vein recognition for secure payment and access control.
- ❖ Customizable Features: Optional NFC/RFID card reader and multiple color options (default: silver + white).
Advanced Display: 5-inch screen with 720 × 1280 resolution, 10-point capacitive touch.
- ❖ Powerful Performance: Rockchip RK3568 processor, Android 11 support, and expandable memory (up to 128GB).
- ❖ Wide Applications: Ideal for government, schools, offices, hotels, transportation, and public services.
- ❖ Compact and Lightweight: Easy to install, with included accessories and a user-friendly design.
- ❖ **Data Security: Quantum Safe Cryptography**

Dimensions:

- ✓ Device Size: 270 × 220 × 170 mm.
- ✓ Weight: Net 1kg, Gross 2.5kg.



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